Angelcare®

Movement & Sound Monitor

Angelcare® AC401 enables you to monitor every **SOUND** coming from your baby's bedroom, while also detecting the tiny movements of baby's **BREATHING**.

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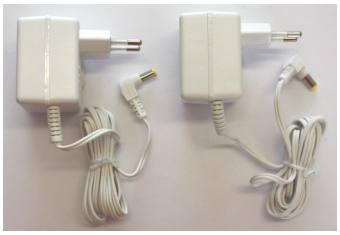
YOUR Angelcare® AC401 SHOULD INCLUDE THE FOLLOWING:

RECHARGEABLE PARENTS UNIT & CHARGING CRADLE

SENSOR PAD

NURSERY UNIT

4 AAA RECHARGEABLE BATTERIES FOR PARENTS UNIT

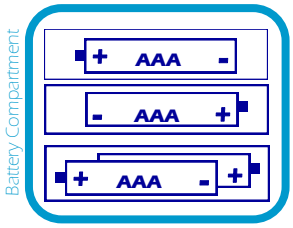


2x 7.5 VOLT AC ADAPTORS

A 3-Step Guide to Getting Started

Step 1 : PARENT UNIT

- Place the 4x AAA rechargeable batteries (included) into the parents unit. Ensure that the batteries are inserted correctly as shown below, otherwise they will not charge.



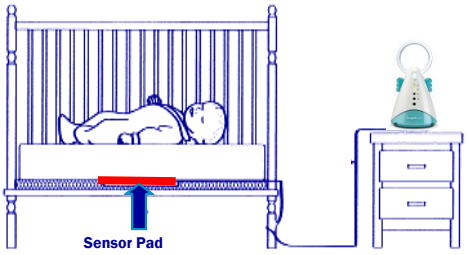
We recommend that you use rechargeable batteries in the parent unit. Regular alkaline batteries can also be used, HOWEVER, if you choose to do this, do not place your parent unit in the charging cradle as this will damage the electronics.

- Place the parent unit in the charging cradle and connect to the AC adaptor. The screen should immediately light up and then seconds later show the battery cell icon accepting charge. *(If the parent unit is not switched on, the screen will switch off after 30 secs. This is to save power, however, your batteries are still charging. You can check to see whether or not it is in fact accepting charge, by switching the parent unit on.)*

- **NB! Allow the parent unit to charge for 15 hrs before using for the first time.**

Step 2 : SENSOR PAD

- Position the sensor pad, printed side up, under the mattress in the centre of the cot, see picture. *(The sensor pad must rest on a completely flat/solid surface. If the base of the cot is slatted or has springs, we recommend that a piece of plywood is cut to fit the size of the cot.) Camp Cot: For the most reliable set-up, we recommend that a piece of plywood is cut to fit the base of the camp cot, placing this over the camp cot mattress. Now position the sensor pad in the centre of the ply wood and continue as below.*



- Now place the cot mattress directly on top of the sensor pad (Do **NOT** place any bedding between your foam mattress and the sensor pad). *The Angelcare sensor pad detects baby's breathing through any thickness cot mattress (also suitable to use with a spring mattress).*
- The sensor pad will detect your baby's breathing movements throughout the entire surface of the mattress.

Step 3 : NURSERY UNIT

- Run the sensor pad cord under the mattress and connect it to the nursery unit. There is no minimum or maximum distance that your nursery unit needs to be from the baby or the sensor pad. The only restricting factor is the length of the cords (when baby is older and can grab things, you need to make sure the unit is out of reach).

- Connect the nursery unit to its AC adaptor. In the event of a power failure, the nursery unit will switch to battery back-up and return to AC power supply when power resumes. The rechargeable batteries (included) are only to be used in the Parent Unit. DO NOT use them in the Nursery Unit as they will not work. Only use AAA Alkaline batteries.

- Now switch on both the parent unit and the nursery unit. You should see the channel number (eg: C5) come up on your parent unit screen, this shows that the parent unit has connected up with its partner nursery unit. A few seconds later, the channel number is replaced by a room temperature reading (this reading is the ambient room temperature wherever the nursery unit is placed).

- *When you place baby in the cot, you will see a pendulum icon moving from side to side on the screen of your parent unit. This will be accompanied by a ticking sound which indicates that your sensor pad is picking up the tiny movements of your baby's breathing.*

- Should the nursery unit not detect any movement from the baby for more than 20 seconds, it will trigger a continuous alarm. To avoid the alarm going off unnecessarily, we recommend that you switch your nursery unit off first, before picking baby up out of the cot. *NOTE: At the back of the nursery unit is a sensitivity dial which indicates the sensitivity of the sensor pad. The factory default setting is between 2½ and 3. We do not recommend that you adjust this unless you are getting false alarms.*

Your Angelcare is now set-up as a Sound & Breathing Monitor

Should you wish to modify the pre-programmed settings on your *Angelcare* monitor, follow these easy instructions.
NOTE: To make any programming adjustments, you need to have both the Parent & Nursery Units on simultaneously.

1. Sound, Breathing & Tick Explained

- When switching on your parent unit, you will see the TIC icon moving from side to side, accompanied by a gentle ticking sound.
- Your monitor's factory default setting is programmed to be on sound and breathing mode, with the tick sound on.
  - NB: The tick sound indicates that your sensor pad is detecting the tiny movements of your baby's breathing, if you do not wish to hear this ticking noise, you can switch it off and still be able to monitor baby's breathing.
  - Should you wish to use your monitor without the sensor pad, i.e. sound-only function, it is possible to deactivate the sensor pad:
- TO CHANGE THE MODE OF YOUR MONITOR: Press the MENU button once. The 3 functions of your monitor will flash on your screen. Use the arrow key on the right hand side, to select which function you wish to activate/deactivate.

TIC SOUND MOVEMENT	Sound and Breathing (with Tick sound ON)
SOUND MOVEMENT	Sound and Breathing (with Ticking sound OFF) **NOTE: on this setting the TIC icon will still show on the screen, to indicate that movement is being detected by the sensor pad.**
SOUND	Sound only (with the sensor pad deactivated)
MOVEMENT	Breathing only (with Tick sound OFF)
TIC MOVEMENT	Breathing only (with Tick sound ON)

Once you have made your selection, press the SELECT button and then press the EXIT button to save your selection and to return to the main screen.

2. Out-Of-Range Indicator

- This function gives you the option to be alerted when the parent unit can no longer pick up signal from it's partner nursery unit. You will hear an intermittent beep every 8 seconds.
  - *i) This may be as a result of you going out of range of the Nursery Unit's signal;*
  - *ii) Or that it can't find the signal because your Nursery Unit is switched off.*
- Your *Angelcare* monitor's factory default setting is **OFF**. We recommend that you do not change this setting for ease of use. However, should you wish to activate this warning beep, do so as follows:
  - *Press the MENU button twice. The Out-of-Range icon will now start flashing, the word **OFF** will appear on the screen. Use the arrow key located on the right hand side to change it to read ON, followed by the select button, then press exit to save your selection and to return to the main menu. On this setting, the Parent Unit will not beep intermittently when the nursery unit is switched OFF.*

NOTE if you choose to activate the Out-of-Range indicator , your parent unit will start beeping intermittently when your Nursery Unit is off.

3. Microphone Settings

SOUND ACTIVATED describes the microphone setting, whereby the microphone goes into standby mode when there is no sound coming from the baby's room. Sound is only transmitted when baby makes a sound. Please note that a radio playing, or baby's mobile, will not activate the sound to come through, as it is not a human voice.

- The factory default settings on your monitor is to have the voice activated option ON. We recommend this mode and suggest that you adjust the sensitivity of the microphone to maximum for best results. To do this press the MENU button three times to get to the Microphone icon , it will read **ON**. Press the MENU button again to access the microphone sensitivity. Using the arrow keys on the right hand side adjust the sensitivity up to maximum. Now press the SELECT button, then press the EXIT button to save your selection and to return to the main screen. The higher the sensitivity the less sound is required to activate the microphone, i.e. on maximum you will hear every little sound your baby makes.

CONTINUOUS SOUND describes the microphone setting, whereby the microphone is ON continuously. Your monitor is not programmed for this option. Should you wish to change to continuous sound, press the menu button three times to get to the microphone icon . Use the arrow key on the right hand side to change the microphone setting to read **OFF**. Press the SELECT button to store this mode, then press the EXIT button to return to the main screen. (Now the microphone is live all the time, on this setting you will be able to hear the sound of a radio playing or baby's mobile. Your monitor will never go into standby mode.)

4. Room Temperature

- This menu option allows you to set an alarm to beep when the temperature in baby's room drops below or goes above your desired set temperature parameters.
- Your *Angelcare*® monitor is preprogrammed to display the temperature in baby's room at all times, with the alarming parameters option deactivated. For ease of use we recommend that you do not adjust this setting.
- Should you wish to programme the temperature parameters, press the MENU button until the nursery unit icon flashes, and you see the snowflake and sun icons below , it will read OFF. Use the arrow key on the right hand side and change it to read **ON**. Press SELECT to save this mode and then press MENU again. The cold icon will now appear with a temperature reading, you can then select the desired lowest temp with the arrow keys. Press the SELECT button to save this and then press MENU again. The sun icon will now appear with a temperature reading. Once again select the desired highest temperature with the arrow key then press the SELECT button. Now press the EXIT button to save everything you have selected and to return to main screen. This is the last available programmable function.

All activated functions have now been stored in the memory of the nursery unit and you never have to re-programme it unless you wish to change a setting.

NOTE: All activated functions will be highlighted on the screen of your parent unit.

Additional Features

- **Channel selection**: There are 8 channels to choose from. You may wish to change the channel if…..
  —the transmission on a selected channel is not clear
  —you are picking up some unknown person/baby sound on your channel

  Press and hold in the SELECT button until the out-of-range icon starts flashing, use the arrow keys on the right hand side to change the channel. You will see the channel numbers changing on your screen. Once you have selected a different channel press the SELECT button again to store it. The screen will immediately return to the main menu.

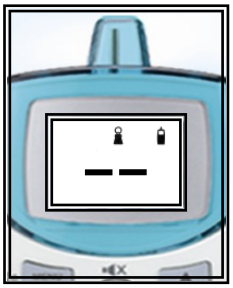
- **Paging**: If you have misplaced your parent unit and wish to locate it, press the clear button at the top of the Nursery Unit. This will activate your parent unit to start beeping intermittently to help you locate it.

- **Temporary Mute:** Pressing the centre EXIT button will mute the sound for 2 minutes. You will see the icon flashing. If you wish to reactivate the sound before the 2 minutes has elapsed, press EXIT again.

- **Sensitivity Dial:** (This is on the back of the nursery unit.) This dial indicates the sensitivity of the sensor pad. The factory default setting is between 2½ and 3. We do not recommend that you adjust this setting unless you are getting false alarms.

- **Night Light:** On the right hand side of the nursery unit is the night light ON/OFF button. The circle above the nursery unit lights up giving a soothing blue glow.

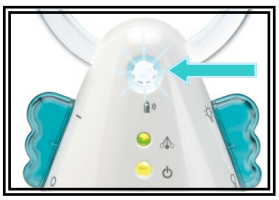
Troubleshooting



NB! If you only see 2 lines appearing across the screen, this indicates that the parent unit is searching for its partner and cannot find the signal. Check the following:

- The nursery unit may be switched off.

- If the nursery unit is on, and the screen continues to show no signal, then you will need to pair the two units up to each other:



Pairing Instructions: press and hold in the menu button until the Out-of-Range icon starts flashing (the parent unit it is now ready to receive a signal). Quickly go to the nursery unit and press the clear button at the top of the nursery unit and hold it in until it makes a beep sound *(as indicated by the arrow in the picture)*. The nursery unit now sends a signal to the parent unit and the two units will reconnect. Once connected, the screen on your parent unit will initially show the channel number which will then be replaced with the room temperature display.

CUSTOMER SUPPORT

Consult our Website Help Centre:
www.angelcare-monitor.co.za
or for personal assistance, our customer care line:
082 863 2331